

**AC Input :**

VOLTAGE : 90~132 or 185~260V, (115/230 auto)

FREQUENCY : 50/60Hz

INPUT CURRENT : 8A/4A For 115/230VAC

INRUSH CURRENT : 60A/80A MAX FOR 115/230

**DC Output :**

| OUTPUT VOLTAGE | OUTPUT CURRENT |           | REGULATION |      | OUTPUT RIPPLE & NOISE MAX. [ P-P ] |
|----------------|----------------|-----------|------------|------|------------------------------------|
|                | MIN ( A )      | MAX ( A ) | LOAD       | LINE |                                    |
| +5V            | 3              | 40        | ±5%        | ±1%  | 50mV                               |
| +12V           | 2              | 20        | ±5%        | ±1%  | 120mV                              |
| -5V            | 0.1            | 0.3       | ±10%       | ±1%  | 150mV                              |
| -12V           | 0.1            | 0.8       | ±10%       | ±1%  | 150mV                              |
| +3.3V          | 1              | 20        | ±5%        | ±1%  | 50mV                               |
| +5VSB          | 0.1            | 2         | ±5%        | ±1%  | 50mV                               |

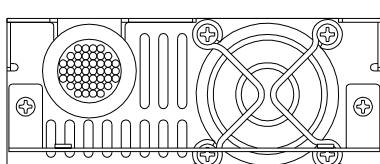
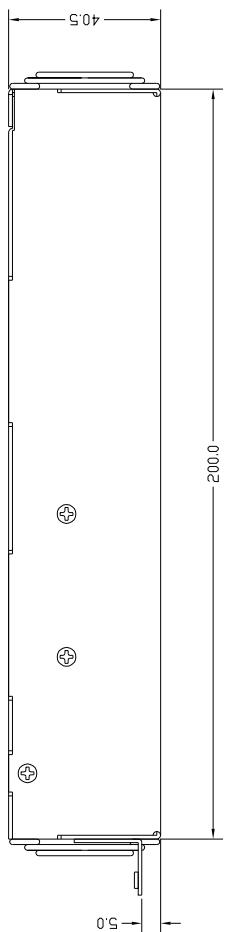
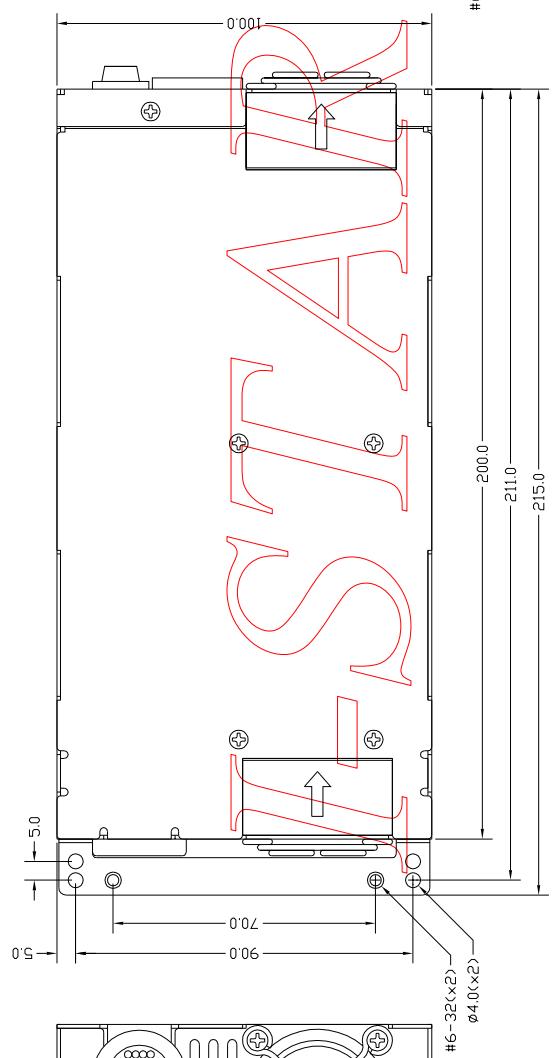
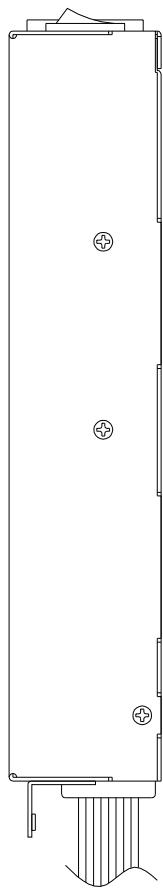
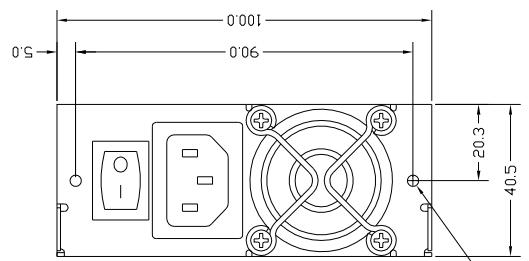
The combined output power +5V&amp;+3.3V shall not exceed 200W.

The total power shall not exceed 400W.

**Features...**

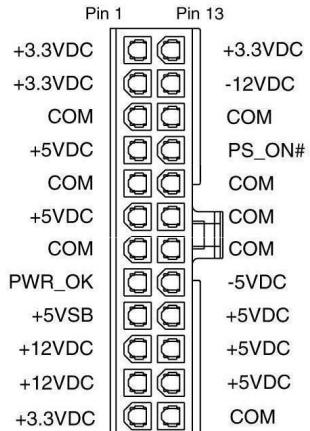
- ◎ TEMPERATURE RANGE : Operation 0°C ~ 50°C
- ◎ HOLD UP TIME : 16ms at maximum load & normal input voltage
- ◎ EFFICIENCY : 68% TYPICAL ( Normal Line )
- ◎ POWER GOOD SIGNAL : Should be asserted high to indicate that +5VDC and +3.3VDC output are above the low voltage thresholds. Compatible signal out with 100ms to 500ms.
- ◎ OVER POWER PROTECTION : The power supply shall shut down output power exceeds 130% to 160%
- ◎ OVER VOLTAGE PROTECTION : Standard on +5.0V, set at 6.25VDC ± 0.75VDC
- ◎ SHORT CIRCUIT PROTECTION : A short circuit placed between the DC return and the output shall cause no damage and the power supply shall shutdown.
- ◎ EMI : FCC part 15, subpart B, Class B, EN55022 CISPR22 Class B.
- ◎ GENCY APPROVALS : UL60950, CAN/CSA22.2 No.60950, TUV(IEC60950)
- ◎ MTBF OF POWER SUPPLY ELECTRONNIS : 100,000 hours at 25°C.  
LIFE EXPCTANCY OF FAN 40,000 hours at 40°C
- ◎ COLLING : By forced air 2x40mm Fan
- ◎ DIMENSION : D200 X W100 X H40.5mm

| REVISIONS |             |      |      |
|-----------|-------------|------|------|
| REV       | DESCRIPTION | SIGN | DATE |
|           |             | / /  |      |
|           |             | / /  |      |
|           |             | / /  |      |

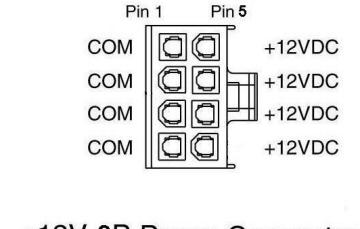


| TOLERANCES | MATERIAL | UNIT   | mm    | PART NO |                 |
|------------|----------|--------|-------|---------|-----------------|
| X= + / -   | 0.25     | REMARK | SCALE | 1:1     | MODEL           |
| XX= + / -  | 0.100    | APPD   | CKD   | Dwg No. | NAME            |
| ⊕          |          |        |       | TC-1UXX | I-STAR COMPUTER |
| ⊖          |          |        |       |         |                 |

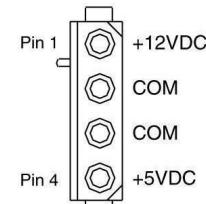
## PINOUTS OF CONNECTORS



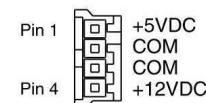
Main Power Connector



+12V 8P Power Connector



Peripheral Power Connector



Floppy Drive Power Connector

+12V = yellow

+5VSB = brown

-5V = white

+5V = red

PS\_ON# = gray

-12V = blue

+3.3V = purple

PWR\_OK = orange

COM = black

